

Spokes

SWL - 10/15/2018

Facet Data

| | | | |
|---------------------|-----------|--------------------|----------|
| Pavilion facets | 20 | Pavilion tiers | 3 |
| Girdle facets | 10 | Girdle tiers | 1 |
| Crown facets | 30+1 | Crown tiers | 4+1 |
| Total facets | 61 | Total tiers | 9 |

Size Data

| | | | |
|-------|-------|-----|-------|
| L/W | 1.051 | P/W | 0.444 |
| H/W | 0.634 | C/W | 0.175 |
| V/W^3 | 0.216 | P/C | 2.537 |

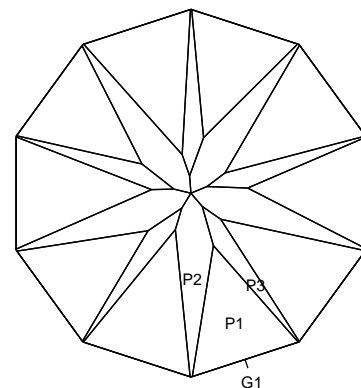
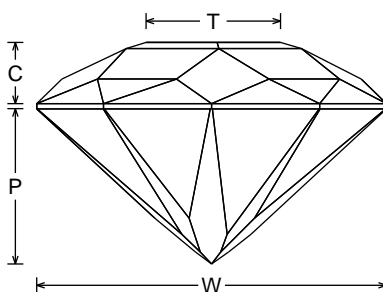
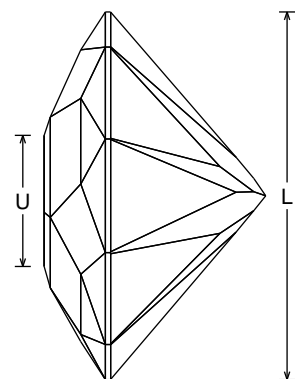
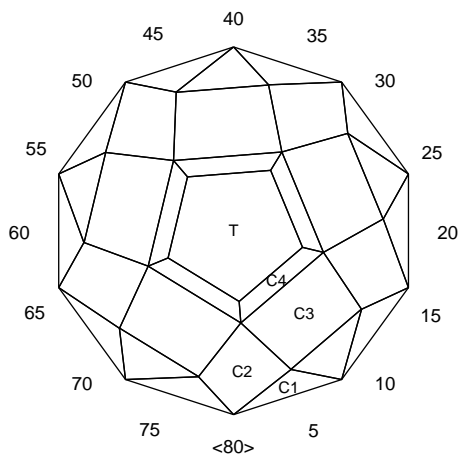
Design Data

| | |
|------------|----------------|
| R.I. range | 1.72 - 2.15 |
| Size range | 6 - 20 mm |
| Symmetry | 5-fold, radial |
| Index gear | 80 |
| Shape | Round |

Comments

Spokes, my first rotational desgin.

The head shadow is obvious in the cut stone and dances around without causing too much darkness.



Pavilion

| | | | |
|----|-------|-------------------------------|-------------|
| P1 | 42.78 | 04-12-20-28-36-44-52-60-68-76 | Cut CP |
| G1 | 90.00 | 04-12-20-28-36-44-52-60-68-76 | Set size |
| P2 | 40.28 | 01-17-33-49-65 | Meet girdle |
| P3 | 40.78 | 07-23-39-55-71 | Meet girdle |

Crown

| | | | |
|----|-------|-------------------------------|-------------------------|
| C1 | 44.28 | 04-12-20-28-36-44-52-60-68-76 | Set girdle thickness |
| C2 | 31.23 | 01-09-17-25-33-41-49-57-65-73 | Meet gridle |
| C3 | 24.16 | 09-25-41-57-73 | Meet C1 |
| C4 | 19.38 | 09-25-41-57-73 | Meet every other C2 |
| T | 0.00 | Table | Cut until C4 looks good |